# Sample Statistical Summary

## MAPEP-07-GrW17

| Analyte | T(1) | A(2) | Grand Mean | Standard Deviation | Ref Value | Analyte Text | Acceptance Range | Units |
|---|---|---|---|---|---|---|---|---|
| Gross alpha | 60 | 54 | 0.425 | 0.123 | 0.327 | | >0.0 - 0.654 | (Bq/L) |
| Gross beta | 59 | 56 | 0.915 | 0.167 | 0.851 | | 0.426 - 1.277 | (Bq/L) |

**Note:** (1) T = Total number of laboratories reporting analyte.

(2) A = Number of laboratories with 'Acceptable' performance.

### Gross Alpha Criteria:

Acceptable Result: Bias <= +/- 100% with a statistically positive result at two standard deviations (Result/Uncertainty > 2, i.e., the range encompassing the result, plus or minus the total uncertainty at two standard deviations, does not include zero).

### Gross Beta Criteria:

Acceptable Result: Bias <= +/- 50% with a statistically positive result at two standard deviations (Result/Uncertainty > 2, i.e., the range encompassing the result, plus or minus the total uncertainty at two standard deviations, does not include zero).